

L Number	Hits	Search Text	DB	Time stamp
1	1411	((138/99) or (138/110) or (138/158)).CCLS.	USPAT; US-PGPUB	2004/08/18 11:08
2	535091	cylinders or cylinder	USPAT; US-PGPUB	2004/08/18 11:09
3	194000	tab or tabs	USPAT; US-PGPUB	2004/08/18 11:09
4	494536	seal or seals	USPAT; US-PGPUB	2004/08/18 11:09
5	339885	pivot	USPAT; US-PGPUB	2004/08/18 11:09
6	12485	half with shell\$	USPAT; US-PGPUB	2004/08/18 11:09
7	442287	pivot or pivoted or pivoting	USPAT; US-PGPUB	2004/08/18 11:11
8	703	(half with shell\$) same (pivot or pivoted or pivoting)	USPAT; US-PGPUB	2004/08/18 11:11
9	194	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)	USPAT; US-PGPUB	2004/08/18 11:11
10	57	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)	USPAT; US-PGPUB	2004/08/18 11:11
12	15	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) and (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs))	USPAT; US-PGPUB	2004/08/18 11:11
11	30	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)	USPAT; US-PGPUB	2004/08/18 11:13
13	30	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) and (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)))	USPAT; US-PGPUB	2004/08/18 11:13
14	42	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) not (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) and (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)))	USPAT; US-PGPUB	2004/08/18 12:07
15	72	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) and (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)))	USPAT; US-PGPUB	2004/08/18 12:08
16	122	((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) not (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)) or (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (seal or seals)) and (((half with shell\$) same (pivot or pivoted or pivoting)) and (cylinders or cylinder)) and (tab or tabs)))	USPAT; US-PGPUB	2004/08/18 12:12
18	73	((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)	USPAT; US-PGPUB	2004/08/18 12:12
19	308	((138/99) or (138/110) or (138/158)).CCLS.) and (seal or seals)	USPAT; US-PGPUB	2004/08/18 12:12
21	79	((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)	USPAT; US-PGPUB	2004/08/18 12:12
22	1	((138/99) or (138/110) or (138/158)).CCLS.) and ((half with shell\$) same (pivot or pivoted or pivoting))	USPAT; US-PGPUB	2004/08/18 12:12

17	116	((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder))	USPAT; US-PGPUB	2004/08/18 12:31
23	15	("0847594" "2272621" "2325417" "3117904" "3502112" "4172472" "4535822" "5012842" "5123451" "5297584" "5365977" "5437489" "5577535" "5771938" "5797432").PN.	USPAT	2004/08/18 12:15
24	8	("2684166" "2695189" "3744822" "4441328" "4441749" "4535822" "4756338" "5297584").PN.	USPAT	2004/08/18 12:16
25	6	("3502112" "3685545" "3744822" "4133557" "4342338" "4441328").PN.	USPAT	2004/08/18 12:16
26	63	((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) not (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 12:34
27	179	((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 12:35
20	27	((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$))	USPAT; US-PGPUB	2004/08/18 12:37
28	201	((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 12:38
29	47	((((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)) not (((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 12:45
30	248	((((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 12:46
31	198	((((138/99) or (138/110) or (138/158)).CCLS.) and (seal or seals)) not (((((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 13:12
32	25	("0142388" "1052198" "1162595" "2778662" "3078108" "3533650" "3790194" "4015634" "4043333" "4273364" "4391458" "4408788" "4652023" "4653782" "4768813" "4789189" "4948293" "4949744" "5040828" "5066053" "5104150" "5358286" "5375888" "5584808" "5590913").PN.	USPAT	2004/08/18 12:48
33	446	((((138/99) or (138/110) or (138/158)).CCLS.) and (seal or seals)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 13:12
34	965	((((138/99) or (138/110) or (138/158)).CCLS.) not (((((138/99) or (138/110) or (138/158)).CCLS.) and (seal or seals)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (pivot or pivoted or pivoting)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (half with shell\$)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (tab or tabs)) or (((((138/99) or (138/110) or (138/158)).CCLS.) and (cylinders or cylinder)))	USPAT; US-PGPUB	2004/08/18 13:13